

## СЕКЦІЯ 4. ФУНДАМЕНТАЛЬНІ ТА ПРИКЛАДНІ ПРОБЛЕМИ ТРАНСПОРТНОГО МАШИНОБУДУВАННЯ

### REDUCING ENERGY SPENDING & CO<sub>2</sub> EMISSIONS Mobility - light vehicles - and Transport - Heavy Duty Vehicles

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#### The paper consider the following issues

Global picture : focusing on the wide potential of Energy Savings in Road Surface  
Transport - mobility and commercial transport

- **Company business vehicles (< 3,5T) and Commercial vehicles** (technical & utility vehicles)
  - Data collecting : consumptions and profile of routes used
  - Recommendations and solutions available
  - Computing the potential savings with special software
  - Evaluation of the ROI - return on investment - for each recommendation
  - Opportunity for transferability to alternative solution - electric, hybrid
  - Managing teams on the short and long term (rewards, incentives)
- **Heavy Duty Vehicles (3,5T to 40 T or more) Merchandise or Passenger** transport type (touristic, scholar)
  - Data collecting consumptions and profile of routes and cargo
  - Recommendations and solutions available
  - Computing the potential savings using Charter CO<sub>2</sub> calculator
  - Evaluation of the ROI return on investment for each recommendation
  - Opportunity for transferability to alternative solution - electric, hybrid
  - Managing teams on the short and long term (rewards, incentives)

